

$^9\text{Be}(\alpha, \gamma)$ **1961Ho19,1966Sa04,1968Ja08**

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu		NP A880, 88 (2012)	1-Jan-2011

1961Ho19: $^9\text{Be}(\alpha, \gamma)$, measured not abstracted; deduced nuclear properties.

1963No02: ^{11}B , measured not abstracted. Deduced nuclear properties.

1964Ca18: ^{11}B , measured not abstracted. Deduced nuclear properties.

1966Sa04: $^9\text{Be}(\alpha, \gamma)$, measured not abstracted; deduced nuclear properties.

1968Da20: $^9\text{Be}(\alpha, \gamma)$ E=24.5 MeV, measured $\sigma(E_\alpha, \theta)$. ^{11}B deduced levels, L.

1968Ja08: $^9\text{Be}(\alpha, \gamma)$ E=3.5 MeV, measured $\sigma(E_\alpha, E_\gamma, \theta)$, $\sigma(E_t, E_\alpha)$, $\sigma(E_p, E_\alpha)$.

 ^{11}B Levels

E(level)	T _{1/2}	Comments
0		
2.12×10^3		E(level): from (1961Ho19, 1966Sa04).
4.46×10^3		E(level): from (1961Ho19, 1966Sa04).
5.02×10^3		E(level): from (1961Ho19, 1966Sa04).
6.76×10^3		E(level): unresolved.
6.81×10^3		E(level): from (1961Ho19, 1966Sa04).
6.81×10^3		E(level): unresolved.
7.30×10^3		E(level): from (1961Ho19, 1966Sa04).
7.99×10^3		E(level): from (1961Ho19, 1966Sa04).
8.57×10^3 ?		E(level): from (1961Ho19, 1966Sa04).
8.92×10^3		E(level): from (1966Sa04).
9.19×10^3		E(level): unresolved.
9.27×10^3		E(level): from (1966Sa04).
9.27×10^3		E(level): unresolved.
10.3×10^3		E(level): from (1966Sa04).
11.4×10^3		E(level): from (1966Sa04).
$\approx 12.6 \times 10^3$	≈ 350 keV	E(level): Γ : from (1968Ja08). observed In $\alpha+\gamma$ coincidences for α -unbound ^{11}B states.
13.16×10^3		E(level): from (1968Ja08). observed In $\alpha+\gamma$ coincidences for α -unbound ^{11}B states.
$\approx 13.6 \times 10^3$	≈ 300 keV	E(level): Γ : from (1968Ja08). observed In $\alpha+\gamma$ coincidences for α -unbound ^{11}B states.
14.0×10^3		E(level): from (1968Ja08). observed In $\alpha+\gamma$ coincidences for α -unbound ^{11}B states.